What is claimed is:

1. A device for injecting fluid into a patient comprising:

an injector head;

a syringe sized to be placed into said injector head;

a receptacle area on said injector head sized to receive said syringe;

a cylinder having an opening sized to receive said syringe; and,

said cylinder being connected to said injector head and being selectively rotatable on said injector head into and out of said receptacle area.

2. A device as set forth in claim 1, further comprising:

a longitudinal base member located at one end of said injector head; said longitudinal base member containing said receptacle area and said cylinder being attached to said longitudinal base member.

3. A device as set forth in claim 2, further comprising a forward plate mounted on said longitudinal base member at a location forward of said receptacle area.

4. A device as set forth in claim 2, further comprising an attachment plate for connecting said longitudinal base member to said injector head, said attachment plate positioned at a location rearward of said receptacle area.

5. A device as set forth in claim 3, wherein said forward plate includes a slot for receiving a portion of said syringe.

6. A device as set forth in claim 5, wherein said slot receives an exit port of said syringe.

7. A device as set forth in claim 1, wherein said cylinder includes a slot for receiving a portion of said syringe.

8. A device as set forth in claim 7, wherein said slot is sized to receive a fluid inlet stem of said syringe.

9. A device as set forth in claim 3, wherein said forward plate includes a sensor device positioned to sense an operating parameter of said device.

10. A device as set forth in claim 9, wherein said sensor is a pressure sensor.

11. A device for injecting fluid in to a patient comprising:
an injector head;
a syringe sized to be placed into said injector head;
a receptacle area on said injector head sized to receive said syringe; and
a detachable door positioned at one end of said receptacle area.

12. A device as set forth in claim 11, wherein said detachable door includes a slot for receiving a portion of said syringe.

13. A device as set forth in claim 12, wherein said portion of said syringe is an exit port of said syringe.

14. A device as set forth in claim 11, wherein said detachable door includes a sensor for monitoring an operating parameter of said device.

15. A device as set forth in claim 14, wherein said sensor is a pressure sensor.

16. A device as set forth in claim 11, wherein said detachable door includes a grasping surface.

17. A method of injecting fluid into a patient comprising:
providing an injecting device;

providing a syringe for insertion into the syringe;

rotating a pressure sleeve out of a receptacle area of said injecting device;

inserting said syringe into said pressure sleeve assembly;

rotating said pressure sleeve into said receptacle area of said injecting device; and,

performing a fluid injection into a patient.

18. A method according to claim 17, including filling said syringe with said fluid after rotating said pressure sleeve into said receptacle area.

19. A method according to claim 17, wherein said step of inserting includes placing a portion of said syringe into a slot on said pressure sleeve.

20. A method according to claim 17, wherein a portion of said syringe is rotated into a slot of located near said receptacle area as said pressure sleeve is rotated into said receptacle area.

21. A method according to claim 18, further including sensing an operating parameter of said injecting device.

22. A method according to claim 21, wherein said operating parameter is pressure being exerted by said fluid in said syringe.